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Department of Marine Sciences
Presents a Seminar by

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Integrating biogeochemical cycles across scales: A unified approach for regional prediction

In order to make credible projections of physics and biogeochemistry on the continental shelves, models have to resolve scales and processes often not considered by global models. This is the case with both the physics and the biology. In this presentation, I will describe results from a series of coupled physical-biogeochemical simulations of both the west and east coast of the US. I will describe how resolution can increase model fidelity but isn't always the only shortcoming. I will finish the presentation with some musings on uncertainty quantification and the need for ensemble modeling approaches.

Host: Samantha Siedlecki

Time & Date: 11:00 am, Friday, March 1, 2019

Place: Marine Sciences Building, Seminar Room 103

If you are an individual with a disability and need accommodations, please contact 860-405-9152, 860-405-9087, or marinesciencesseminars@uconn.edu.

For cancelations and additional seminar information, please see <https://marinesciences.uconn.edu/seminar/seminar1193/>.